

What is claimed is:

1. An electrical connector assembly comprising:
  - an electrical connector comprising an insulative housing, a clip engaged on the housing, and a plurality of electrical contacts received in the housing, the contacts protruding from the housing;
  - a pick up cap engaged on the housing and comprising a planar body with a smooth top surface;
  - wherein the pick up cap is disposed between the housing and the clip;
  - whereby the pick up cap protects the contacts from damage or contamination.
2. The electrical connector assembly as claimed in claim 1, wherein the housing comprises a front side, a rear side, and a pair of lateral sides cooperatively defining a cavity therebetween.
3. The electrical connector assembly as claimed in claim 2, wherein the electrical contacts protrude a predetermined height above a bottom of the housing in the cavity.
4. The electrical connector assembly as claimed in claim 2, wherein a securing recess is defined in the front side, a plurality of spaced rear steps is provided in the rear side, and a plurality of spaced steps is provided in each lateral side.
5. The electrical connector assembly as claimed in claim 4, wherein the securing recess, the lateral steps and the rear steps define a same height, and said same height is greater than said predetermined height of the contacts protruding above the bottom of the housing.
6. The electrical connector assembly as claimed in claim 1, wherein the pick up cap comprises a head portion, a plurality of spaced tail portions, and a plurality of spaced lateral portions.

7. The electrical connector assembly as claimed in claim 6, wherein a pair of spaced, parallel latch arms depends from the head portion.
8. The electrical connector assembly as claimed in claim 1, wherein the clip defines a center window.
9. An electrical connector assembly comprising:
  - an electrical connector comprising a dielectric housing, and a plurality of conductive contacts received therein, the housing comprising a plurality of side walls cooperatively defining a cavity therebetween; and
  - a pick up cap comprising a planar body with a smooth top surface;
  - wherein the pick up cap is disposed in the cavity and engages with side walls of the cavity;
  - whereby the pick up cap provides protection for the contacts.
10. The electrical connector assembly as claimed in claim 9, wherein the contacts protrude a predetermined height above a bottom of the housing in the cavity.
11. The electrical connector assembly as claimed in claim 9, wherein the side walls of the housing are comprised in a front side, a rear side, and a pair of lateral sides of the housing.
12. The electrical connector assembly as claimed in claim 11, wherein a securing recess is defined in the front side, a pair of spaced rear steps is provided in the rear side, and a pair of spaced lateral steps are provided in each lateral side.
13. The electrical connector assembly as claimed in claim 12, wherein the securing recess, the lateral steps and the rear steps define a same height, and said same height is greater than said predetermined height of the contacts protruding above the bottom of the housing.

14. The electrical connector assembly as claimed in claim 9, wherein the pick up cap comprises a head portion, a pair of spaced tail portions, and a plurality of spaced lateral portions.
15. The electrical connector assembly as claimed in claim 14, wherein a pair of spaced, parallel latch arms depends from the head portion.
16. An electrical connector assembly comprising:
- a housing assembly defining an upper face thereon;
  - a plurality of contacts disposed in the housing assembly;
  - a pick up cap mounted upon the upper face and defining an upward top surface thereon; and
  - a moveable fastening device attached to the housing assembly and defining an opening; wherein
- the fastening device is moved to either an open position to allow the pick up cap to be downwardly seated upon the housing, or a closed position to cooperate with the housing assembly to sandwich the pick up cap therebetween for holding the pick up cap in position without upward withdrawal under a condition that said opening exposes the upward top surface of said pick up cap to an exterior in a vertical direction for suction.
17. The assembly as claimed in claim 16, wherein said housing assembly includes a reinforcement metal frame.
18. An electrical connector assembly comprising:
- an insulative housing assembly defining an upper face thereon;
  - a plurality of contacts disposed in the housing assembly with upper contact portions extending upwardly above the upper face with a first distance; and
  - a pick up cap mounted upon the upper face and defining an planar body with an upward top surface thereon; wherein

an undersurface of said planar body is spaced from said upper face with a second distance which is slightly larger than said first distance so as to protectively have said upper contact portions closely hidden under said planar body without damage during handling.

19. The assembly as claimed in claim 18, wherein said contacts are arranged in matrix, and said pick up cap encloses substantially all of said contacts.